

Configuring SRC-ACP to Manage the Edge Network

To configure SRC-ACP to manage the edge network, you must:

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Configuring Network Interfaces in the Directory

How you add network interfaces to the directory depends on the network type:

- Edge networks—Specify the network interfaces of the routers and the switches in the access network between subscribers and the SRC network.
- Backbone congestion points—Add only VRs and their interfaces.

To configure the network interfaces of the routers and the switches in the access network:

1. Click **Configure > Shared > Admission Control**, expand the desired device.
2. If the device does not exist, from the Create new list, select **Device**. Type a name for the new device in the dialog box, and click **OK**.

The Device pane appears.

3. Enter information as described in the Help text in the main pane, and click **Apply**.

Configuring Bandwidths for Subscribers (Edge Network)

You must configure bandwidths for subscribers that SRC-ACP manages in the edge region of the network.

If congestion points cannot be derived from network access information, you must provide the following information for each subscriber.

- Provisioned downstream bandwidth
- Provisioned upstream bandwidth
- Actual downstream bandwidth for the current subscriber session
- Actual upstream bandwidth for the current subscriber session
- List of DNs of interfaces associated with congestion points

For further information, see *SRC-PE Network Guide*.

To configure bandwidths for subscribers:

1. Click **Configure > Subscribers**.

2. In the side pane, expand the desired retailer, expand the desired subscriber folder, and expand the desired subscriber.

The Admission Control pane appears.

3. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.

Assigning Network Interfaces to Subscribers

You must assign to the subscriber object interfaces (including the router interfaces) for all congestion points between the subscriber and the router.



NOTE: You must define the interface in the directory before you can assign it to a residential subscriber (see Configuring Network Interfaces in the Directory).

To assign an interface:

1. Click **Configure > Subscribers**.
2. In the side pane, expand the desired retailer, and then click the desired subscriber folder.

The Admission Control pane appears.

3. Enter information in the Congestion Points box as described in the Help text in the main pane, and click **Apply**.

Configuring Bandwidths for Services

Upstream and downstream bandwidths must be specified for services that SRC-ACP manages. You can obtain bandwidths for services in two ways:

- Provide static values through the directory.
- Allow the values to be provided through the SAE core API.

For example, a business partner may need to specify the required values for a particular piece of content through the SAE core API.

To configure values for services:

1. For global configuration, click **Configure > Services > Global** and expand **Service**.
2. For scope configuration, click **Configure > Services > Scope** and expand **Service**.
3. In the side pane, expand the desired service and click **Admission Control**.

The Admission Control pane appears.

4. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.

- Related Topics**
- For more information about configuring residential subscribers, see Adding Subscribers (SRC CLI).
 - For more information about configuring services, see Adding a Normal Service (SRC CLI).

